

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

B6.Cg-Rapgef3^{tm1.1Chen}/ChengMmucd

RRID:MMRRC_069558-UCD

Type: Organism

Proper Citation

RRID:MMRRC_069558-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=69558

Proper Citation: RRID:MMRRC_069558-UCD

Description: Mus musculus with name B6.Cg-Rapgef3^{tm1.1Chen}/ChengMmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cancer, Cardiovascular, Cell Biology, Dermatology, Diabetes, Endocrine Deficiency, Immunology and Inflammation, Internal/Organ, Metabolism, Models for Human Disease, Neurobiology, Obesity, Research Tools, Virology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: decreased body weight [MP:0001262]| abnormal glucose homeostasis [MP:0002078]| decreased circulating insulin level [MP:0002727]| increased insulin sensitivity [MP:0002891]| improved glucose tolerance [MP:0005292]| decreased circulating glucose level [MP:0005560]| decreased circulating leptin level [MP:0005668]| slow postnatal weight gain [MP:0008489]| decreased white fat cell size [MP:0009133]| decreased epididymal fat pad weight [MP:0009289]| decreased total body fat amount [MP:0010025]| abnormal adipose tissue development [MP:0011167]| decreased food intake [MP:0011940]

Affected Gene: Rapgef3

Catalog Number: 069558-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:23263987](#)

Alternate IDs: MMRRC_69558-UCD, MMRRC_069558, MMRRC_69558

Organism Name: B6.Cg-*Rapgef3*^{tm1.1Chen}/ChengMmucd

Record Creation Time: 20230308T055518+0000

Record Last Update: 20260801T125420+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Rapgef3*^{tm1.1Chen}/ChengMmucd.

No alerts have been found for B6.Cg-*Rapgef3*^{tm1.1Chen}/ChengMmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.